

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.:
900.1009USSERIAL NO.:
10/821,473

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT(S):
Chen et al.FILING DATE:
April 8, 2004GROUP:
1614

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AH							
	AI							
	AJ							
	AK							
	AL							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AS	AM	Argentation HTPLC as an Effective Separation Technique for the cis/trans Isomers of Capsaicin, P.Wall, Journal of Planar Chromatography-Modern TLC, 1997 Vol. 10, No. 1, page 4-9.
	AN	
	AO	
	AP	
	AQ	
	AR	
	AS	

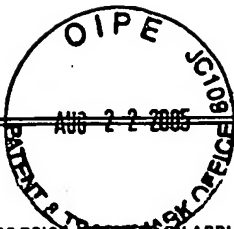
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AS	AA	4	3	1	3	9	5	8	02/02/1982	LaHann	514	627	
	AB	4	4	2	4	2	0	5	01/03/1984	LaHann	8	161	
	AC	4	4	9	3	8	4	8	01/15/1985	LaHann et al.	514	627	
	AD	4	2	3	2	1	3	9	11/04/1980	Minami et al.	526	125.6	
	AE	4	5	4	4	6	6	8	10/01/1985	Janusz et al.	514	563	
	AF	4	5	4	4	6	6	9	10/01/1985	LaHann et al.	514	563	
	AG	4	8	1	2	4	4	6	03/14/1989	Brand	514	165	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
AS	AH	0	0	6	8	5	9	0	01/02/1985	EP(B1)	C07C	127/17		
	AI	0	0	6	8	5	9	1	09/25/1985	EP(B1)	C07C	143/822		
	AJ	0	0	6	8	5	9	2	10/17/1984	EP(B1)	C07C	125/065		
	AK	0	0	8	9	7	1	0	07/31/1985	EP(B1)	C07C	103/76		
	AL	0	1	4	9	5	4	5	12/27/1989	EP(B1)	A61K	31/615		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AS	AM	Adolf, W., et al., "Structure-activity relations of polyfunctional diterpenes of the daphane type I revised structure for resiniferatoxin and structure-activity relations of resiniferonol and some of its esters", <i>J of Natural Products</i> Vol 45 No 3(1982) pp 347-357
	AN	Bennett, D.J., et al., "Constitution and Biosynthesis of Capsaicin", <i>J Chem Soc C</i> (1968) pp 442-446
	AO	Cassy, J., et al., "A one step synthesis of ω -hydroxyacetylenic carboxylic acids" <i>Tetrahedron</i> Vol 27 No 5 (1986) pp 573-574
	AP	Crombie, L., et al., "Synthesis of capsaicin", <i>Amides of Vegetable Origin Part VI</i> (1955) pp 1025-1027
	AQ	Gannett, P.M., et al., "The capsaicinoids: Their separation, synthesis and mutagenicity", <i>J Org Chem</i> Vol 53 (1988) pp 1064-1071
	AR	Gannett, P.M., et al., "The capsaicinoids: Their separation, synthesis and mutagenicity" Additions and Corrections <i>J Org Chem</i> Vol 53 No 26 (1988) p 6162
	AS	Hiroo et al., "An essay on the synthesis of capsaicin analogs", <i>Koryo</i> No 129 (1980) pp 41-46

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AS	BA	5 0 9 4 7 8 2	03/10/1992	Chen et al.	554	63	
	BB	20 04 01 61 4 8 1	08/19/2004	Burch et al.	424	760	12/18/2003
	BC	20 05 00 19 4 3 6	01/27/2005	Burch et al.	424	760	12/18/2003
	BD	20 04 01 86 1 8 2	09/23/2004	Burch et al.	514	625	12/18/2003
	BE	20 05 00 58 7 3 4	03/17/2005	Burch et al.	424	760	12/18/2003
	BF	20 04 01 91 3 3 8	09/30/2004	Burch et al.	424	760	12/18/2003
	BG	20 04 01 56 9 3 1	08/12/2004	Burch et al.	424	760	12/18/2003
	BH	20 05 00 20 6 9 0	01/27/2005	Burch et al.	514	625	12/18/2003

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							YES NO
AS	BI	6 0 0 9 3 0 8	01/18/1994	JP	A01N	37/18	abstract

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AS	BJ	House, H.O., et al., "Reactions involving electron transfer v. reduction of nonconjugated acetylenes", <i>J Org Chem</i> Vol 39 No 6 (1974) pp 747-755
	BK	Junusz, J.M., et al., "Vanilloids. 1. Analogs of capsaicin with antinociceptive and antiinflammatory activity", <i>J Med Chem</i> Vol 36 (1993) pp 2595-2604
	BL	Jezo, I., "Synthese des capsaicins und einiger seiner modellderivate", <i>Chem Zvesti</i> Vol 29(5) (1975) pp 714-718
	BM	Kaga, H., et al., "A general and stereoselective synthesis of the capsaicinoids via the orthoester claisen rearrangement", <i>Tetrahedron</i> Vol 52 No 25 (1996) pp 8451-8470
	BN	Kaga, H., et al., "A Facile procedure for synthesis of capsaicin", <i>J Org Chem</i> Vol 54 No 14 (1989) pp 3477-3478
	BO	<i>Khim.-Farm Zh</i> Vol 30 No 1 (1996) pp 54-61
	BP	Thresh, J.C., "Capsaicin, the active principle of capsicum fruits", <i>Pharm Journ</i> Third Series, No 315 (1876) p 21
	BQ	Vig, O.P., et al., "A new synthesis of N-(4'-hydroxy-3'-methoxybenzyl)-8-methyl-non-6(E)-enamide (Capsaicin)", <i>Indian J Chem</i> Vol 17B (1979) pp 558-559
	BR	Walker, G.T., "Capsaicin: properties, reactions and uses" <i>Manufact Chemist and Aerosol News</i> (June 1968) pp 35-36
	BS	

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